BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Estimate for Improvements to Roads and Drain at Nanjappa Layout, Gopalappa Garden, Ramanna Garden, and Surrounding area in Ward No.10, (Dodda Bommasandra), Vidyaranyapura Sub Division.

BYATARAYANAPURA DIVISION

DETAILED-MEASUREMENTS

BRUHATH BANGALORE MAHANAGARAPALIKE

YELAHANKA ZONE

1ST AND FINAL BILL

Name of the Work: Estimate for Improvements to Roads and Drain at Nanjappa Layout, Gopalappa Garden, Ramanna Garden, and Surrounding area in Ward No.10, (Dodda Bommasandra), Vidyaranyapura Sub Division.

Estimate Cost: 60.00 Lakh

JOB NUMBER: 010-20-000032

Work Order No: BBMP/EE/BTP/WO/230/2019-20 Dated:17-03-2020

Name of Contractor :Sri.M.Lakshminarayana

Item No	Description of Item	No	Length	Breadth	D1	D2	Avg Depth	Unit	Qty	Rate in Rs	Amount
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3.										
	Qty Taken from Pre measurement page Item No. 1, page No.1to3							**Cum**	**521.07**	**256.05**	**133419.51**
2	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2.										
	Qty Taken from Pre measurement page Item No. 2, Page No.4 to 5							**Cum**	**36.49**	**5677.99**	**207175.66**
3	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M 20 for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, for raft foundation ,Column Footing,main and Secondary Beams with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.)										
	Ramanna Garden										
	For RCC Drain										
	For Bottom raft										
	3rd Main road from Dead End										
	LHS										
		1	6.00	0.95	0.15	0.15	0.15		0.86		
	1st cross from 2nd Main road										
	LHS										
		1	7.00	0.95	0.15	0.15	0.15		1.00		
	3rd cross from 3rd Main road										
	RHS										
		1	13.00	0.95	0.15	0.15	0.15		1.85		
		1	18.70	0.95	0.15	0.15	0.15		2.66		
	1st Main Road from Dead End										
	RHS										
	4th cross to 3rd cross	1	25.00	0.95	0.15	0.15	0.15		3.56		
		1	5.00	0.95	0.15	0.15	0.15		0.71		
	For RCC Culvert										
	Culvert at 1st cross	1	7.50	1.90	0.20	0.20	0.20		2.85		
	Cuivert at 2nd cross	1	6.90	1.90	0.20	0.20	0.20		2.62		
	Culvert at 3rd cross	1	7.40	1.90	0.20	0.20	0.20		2.81		
	For SSM Culvert (Vent Portion)										
	Culvert at 3rd cross	1	8.30	0.60	0.15	0.15	0.15		0.75		
		1	7.40	0.60	0.15	0.15	0.15		0.67		
	Culvert at 3rd Main road	1	8.40	0.60	0.15	0.15	0.15		0.76		
	For Wall										
	3rd Main road from Dead End										
	LHS										
		2	6.00	0.15	0.65	0.65	0.65		1.17		
	1st cross from 2nd Main road										
	LHS										

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

1

Item No	Description of Item	No	Length	Breadth	D1	D2	Avg Depth	Unit	Qty	Rate in Rs	Amount
		2	7.00	0.15	0.65	0.65	0.65		1.37		
	3rd cross from 3rd Main road										
	RHS										
		2	13.00	0.15	0.65	0.70	0.68		2.63		
		2	18.70	0.15	0.65	0.70	0.68		3.79		
	1st Main Road from Dead End										
	RHS										
	4th cross to 3rd cross	2	25.00	0.15	0.70	0.65	0.68		5.06		
		2	5.00	0.15	0.65	0.65	0.65		0.98		
	For RCC Culvert										
	Culvert at 1st cross	2	7.50	0.40	0.70	0.70	0.70		4.20		
	Culvert at 2nd cross	2	6.90	0.40	0.70	0.70	0.70		3.86		
	Culvert at 3rd cross	2	7.40	0.40	0.70	0.70	0.70		4.14		
	Concrete for Vent Portion										
	2nd Main road to Dead End										
	RHS										
		1	30.00	0.60	0.15	0.15	0.15		2.70		
		1	30.00	0.60	0.15	0.15	0.15		2.70		
		1	30.00	0.60	0.15	0.15	0.15		2.70		
		1	30.00	0.60	0.15	0.15	0.15		2.70		
		1	19.00	0.60	0.15	0.15	0.15		1.71		
	LHS										
		1	30.00	0.60	0.15	0.15	0.15		2.70		
		1	30.00	0.60	0.15	0.15	0.15		2.70		
		1	30.00	0.60	0.15	0.15	0.15		2.70		
		1	30.00	0.60	0.15	0.15	0.15		2.70		
		1	19.00	0.60	0.15	0.15	0.15		1.71		
	Deduction Culverts	-1	7.40	0.60	0.15	0.15	0.15		-0.67		
		-1	6.90	0.60	0.15	0.15	0.15		-0.62		
		-1	7.50	0.60	0.15	0.15	0.15		-0.68		
	3rd Main road from Dead End										
	RHS										
		1	30.00	0.60	0.15	0.15	0.15		2.70		
		1	30.00	0.60	0.15	0.15	0.15		2.70		
		1	27.00	0.60	0.15	0.15	0.15		2.43		
	Deduction Culverts	-1	7.40	0.60	0.15	0.15	0.15		-0.67		
		-1	7.00	0.60	0.15	0.15	0.15		-0.63		
	LHS										
		1	30.00	0.60	0.15	0.15	0.15		2.70		
		1	24.00	0.60	0.15	0.15	0.15		2.16		
		1	27.00	0.60	0.15	0.15	0.15		2.43		
	1st cross from 2nd Main road										
	RHS										
		1	30.00	0.60	0.15	0.15	0.15		2.70		
		1	30.00	0.60	0.15	0.15	0.15		2.70		
		1	30.00	0.60	0.15	0.15	0.15		2.70		
		1	30.00	0.60	0.15	0.15	0.15		2.70		
		1	7.70	0.60	0.15	0.15	0.15		0.69		
	LHS										
		1	13.00	0.60	0.15	0.15	0.15		1.17		
		1	10.00	0.60	0.15	0.15	0.15		0.90		
		1	30.00	0.60	0.15	0.15	0.15		2.70		
		1	30.00	0.60	0.15	0.15	0.15		2.70		
		1	24.50	0.60	0.15	0.15	0.15		2.21		
		1	30.00	0.60	0.15	0.15	0.15		2.70		

86.77

CAFC

Assistant Executive Engineer
Yelahanka Sub Division
BBMP, Bangalore-64

2

Item No	Description of Item	No	Length	Breadth	D1	D2	Avg Depth	Unit	Qty	Rate in Rs	Amount
		1	7.70	0.60	0.15	0.15	0.15		0.69		
		1	29.00	0.60	0.15	0.15	0.15		2.61		
	2nd cross from 3rd Main road										
	LHS										
		1	30.00	0.60	0.15	0.15	0.15		2.70		
		1	7.00	0.60	0.15	0.15	0.15		0.63		
		1	18.80	0.60	0.15	0.15	0.15		1.69		
		1	30.00	0.60	0.15	0.15	0.15		2.70		
		1	30.00	0.60	0.15	0.15	0.15		2.70		
		1	3.40	0.60	0.15	0.15	0.15		0.31		
		1	10.00	0.60	0.15	0.15	0.15		0.90		
		1	20.40	0.60	0.15	0.15	0.15		1.84		
	3rd cross from 3rd Main road										
	RHS										
		1	30.00	0.60	0.15	0.15	0.15		2.70		
		1	30.00	0.60	0.15	0.15	0.15		2.70		
		1	17.00	0.60	0.15	0.15	0.15		1.53		
		1	30.00	0.60	0.15	0.15	0.15		2.70		
		1	11.30	0.60	0.15	0.15	0.15		1.02		
		1	5.50	0.60	0.15	0.15	0.15		0.50		
	Deduction Culvert	-1	8.30	0.60	0.15	0.15	0.15	(-)	-0.75		
	LHS										
		1	30.00	0.60	0.15	0.15	0.15		2.70		
		1	30.00	0.60	0.15	0.15	0.15		2.70		
		1	30.00	0.60	0.15	0.15	0.15		2.70		
		1	30.00	0.60	0.15	0.15	0.15		2.70		
		1	30.00	0.60	0.15	0.15	0.15		2.70		
		1	5.50	0.60	0.15	0.15	0.15		0.50		
	cross road from 3rd cross										
	RHS	1	18.00	0.60	0.15	0.15	0.15		1.62		
	LHS	1	18.00	0.60	0.15	0.15	0.15		1.62		
	Main Road from 1st cross										
	LHS	1	9.00	0.60	0.15	0.15	0.15		0.81		
	For Side Wall Raising										
	1st Main Road from Dead End										
	RHS										
		2	14.40	0.15	0.25	0.25	0.25		1.08		
		2	30.00	0.15	0.25	0.30	0.28		2.48		
		2	21.60	0.15	0.30	0.25	0.28		1.78		
	LHS										
		2	14.50	0.15	0.20	0.25	0.23		0.98		
	cross road from 1st Main road										
	RHS										
		2	13.80	0.15	0.20	0.25	0.23		0.93		
		2	23.00	0.15	0.25	0.25	0.25		1.73		
	2nd Main road to Dead End										
	RHS										
		2	30.00	0.15	0.25	0.30	0.28		2.48		
		2	25.00	0.15	0.30	0.25	0.28		2.06		
		2	30.00	0.15	0.25	0.30	0.28		2.48		
		2	30.00	0.15	0.30	0.30	0.30		2.70		
		2	19.00	0.15	0.30	0.25	0.28		1.57		
	LHS										
		2	30.00	0.15	0.30	0.35	0.33		2.93		

68.43

3

Assistant Executive Engineer
Vijayanagara Sub Division
BBMP, Bangalore - 40

Item No	Description of Item	No	Length	Breadth	D1	D2	Avg Depth	Unit	Qty	Rate in Rs	Amount
		2	30.00	0.15	0.35	0.25	0.30		2.70		
		2	30.00	0.15	0.25	0.30	0.28		2.48		
		2	30.00	0.15	0.30	0.25	0.28		2.48		
		2	19.00	0.15	0.25	0.35	0.30		1.71		
	Deduction Culverts	-2	7.40	0.15	0.30	0.30	0.30		-0.67		
		-2	6.90	0.15	0.25	0.25	0.25		-0.52		
		-2	7.50	0.15	0.25	0.25	0.25		-0.56		
	3rd Main road from Dead End										
	RHS										
		2	30.00	0.15	0.30	0.30	0.30		2.70		
		2	30.00	0.15	0.30	0.25	0.28		2.48		
		2	27.00	0.15	0.25	0.25	0.25		2.03		
	Deduction Culverts	-2	7.40	0.15	0.25	0.25	0.25		-0.56		
		-2	7.00	0.15	0.25	0.25	0.25		-0.53		
	LHS										
		2	30.00	0.15	0.30	0.30	0.30		2.70		
		2	24.00	0.15	0.30	0.30	0.30		2.16		
		2	27.00	0.15	0.30	0.30	0.30		2.43		
	1st cross from 2nd Main road										
	RHS										
		2	30.00	0.15	0.25	0.25	0.25		2.25		
		2	30.00	0.15	0.25	0.30	0.28		2.48		
		2	30.00	0.15	0.30	0.30	0.30		2.70		
		2	30.00	0.15	0.30	0.25	0.28		2.48		
		2	7.70	0.15	0.25	0.25	0.25		0.58		
	LHS										
		2	13.00	0.15	0.25	0.30	0.28		1.07		
		2	10.00	0.15	0.30	0.30	0.30		0.90		
		2	30.00	0.15	0.30	0.30	0.30		2.70		
		2	30.00	0.15	0.30	0.30	0.30		2.70		
		2	24.50	0.15	0.30	0.25	0.28		2.02		
		2	30.00	0.15	0.25	0.30	0.28		2.48		
		2	7.70	0.15	0.30	0.25	0.28		0.64		
		2	29.00	0.15	0.25	0.25	0.25		2.18		
	2nd cross from 3rd Main road										
	LHS										
		2	30.00	0.15	0.25	0.25	0.25		2.25		
		2	7.00	0.15	0.25	0.30	0.28		0.58		
		2	18.80	0.15	0.30	0.25	0.28		1.55		
		2	30.00	0.15	0.25	0.30	0.28		2.48		
		2	30.00	0.15	0.30	0.25	0.28		2.48		
		2	3.40	0.15	0.25	0.30	0.28		0.28		
		2	10.00	0.15	0.30	0.30	0.30		0.90		
		2	20.40	0.15	0.30	0.25	0.28		1.68		
	3rd cross from 3rd Main road										
	RHS										
		2	30.00	0.15	0.20	0.25	0.23		2.03		
		2	30.00	0.15	0.25	0.25	0.25		2.25		
		2	17.00	0.15	0.25	0.25	0.25		1.28		
		2	30.00	0.15	0.25	0.20	0.23		2.03		
		2	11.30	0.15	0.20	0.20	0.20		0.68		
		2	5.50	0.15	0.20	0.20	0.20		0.33		
	Deduction Culvert	-2	8.30	0.15	0.25	0.20	0 23		-0.56		
	LHS										
		2	30.00	0.15	0.20	0.20	0.20		1.80		

68.25

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

Item No	Description of Item	No	Length	Breadth	D1	D2	Avg Depth	Unit	Qty	Rate in Rs	Amount
		2	30.00	0.15	0.20	0.20	0.20		1.80		
		2	30.00	0.15	0.20	0.20	0.20		1.80		
		2	30.00	0.15	0.20	0.20	0.20		1.80		
		2	30.00	0.15	0.20	0.20	0.20		1.80		
		2	5.50	0.15	0.20	0.20	0.20		0.33		
	cross road from 3rd cross										
	RHS	2	18.00	0.15	0.20	0.20	0.20		1.08		
	LHS	2	18.00	0.15	0.20	0.20	0.20		1.08		
	Main Road from 1st cross										
	LHS	2	9.00	0.15	0.20	0.20	0.20	10.23	0.54		
								Present Qty	**Cum**	**255.86**	**6058.59**	**1550132.66**
											1550150.83
4	Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as perspecifications.										
	Qty Taken from Pre measurement page Item No. 4, Page No.6 to 8							**Tonne**	**3.25**	**78977.64**	**256708.42**
											256677.33
5	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2										
	Qty Taken from Pre measurement page Item No. 5, Page No.9 to 11							**Sqm**	**1201.33**	**398.42**	**478633.90**
6	Providing granite slabs of selected quality roughly dressed having a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete.										
	Ramanna Garden										
	1st Main Road from Dead End										
	RHS										
		1	14.40	0.90					12.96		
		1	30.00	0.90					27.00		
		1	21.60	0.90					19.44		
	4th cross to 3rd cross	1	25.00	0.90					22.50		
		1	5.00	0.90					4.50		
	LHS										
		1	14.50	0.90					13.05		
	cross road from 1st Main road										
	RHS										
		1	13.80	0.90					12.42		
		1	23.00	0.90					20.70		
	2nd Main road to Dead End										
	RHS										
		1	30.00	0.90					27.00		
		1	25.00	0.90					22.50		
		1	30.00	0.90					27.00		
		1	30.00	0.90					27.00		
	LHS										
		1	30.00	0.90					27.00		
		1	30.00	0.90					27.00		
		1	30.00	0.90					27.00		
		1	30.00	0.90					27.00		
	Deduction Culverts	-1	7.40	0.90					-6.66		
		-1	6.90	0.90					-6.21		
		-1	7.50	0.90					-6.75		
	3rd Main road from Dead End										

324.18

Item No	Description of Item	No	Length	Breadth	D1	D2	Avg Depth	Unit	Qty	Rate in Rs	Amount
	RHS										
		1	18.00	0.90					16.20		
		1	30.00	0.90					27.00		
		1	27.00	0.90					24.30		
	Deduction Culverts	-1	7.40	0.90					-6.66		
		-1	7.00	0.90				(-)	-6.30	12.96	
	LHS										
		1	30.00	0.90					27.00		
	New drain	1	6.00	0.90					5.40		
		1	24.00	0.90					21.60		
		1	27.00	0.90					24.30		
	1st cross from 2nd Main road										
	RHS										
		1	30.00	0.90					27.00		
		1	30.00	0.90					27.00		
		1	30.00	0.90					27.00		
		1	30.00	0.90					27.00		
		1	7.70	0.90					6.93		
	LHS										
		1	13.00	0.90					11.70		
	New drain	1	7.00	0.90					6.30		
		1	10.00	0.90					9.00		
		1	20.00	0.90					18.00		
		1	20.00	0.90					18.00		
		1	24.50	0.90					22.05		
		1	30.00	0.90					27.00		
		1	7.70	0.90					6.93		
		1	29.00	0.90					26.10		
	2nd cross from 3rd Main road										
	LHS										
		1	30.00	0.90					27.00		
		1	7.00	0.90					6.30		
		1	18.80	0.90					16.92		
		1	30.00	0.90					27.00		
		1	30.00	0.90					27.00		
		1	3.40	0.90					3.06		
		1	10.00	0.90					9.00		
		1	20.40	0.90					18.36		
	3rd cross from 3rd Main road										
	RHS										
		1	30.00	0.90					27.00		
		1	30.00	0.90					27.00		
	New drain	1	13.00	0.90					11.70		
		1	17.00	0.90					15.30		
		1	30.00	0.90					27.00		
	New drain	1	18.70	0.90					16.83		
		1	11.30	0.90					10.17		
		1	5.50	0.90					4.95		
	Deduction Culvert	-1	8.30	0.90				(-)	-7.47		
	LHS										
		1	30.00	0.90					27.00		
		1	30.00	0.90					27.00		
		1	30.00	0.90					27.00		
		1	30.00	0.90					27.00		
		1	30.00	0.90					27.00		

794.97

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

Item No	Description of Item	No	Length	Breadth	D1	D2	Avg Depth	Unit	Qty	Rate in Rs	Amount
		1	5.50	0.90					4.95		
	cross road from 3rd cross										
	RHS	1	18.00	0.90					16.20		
	LHS	1	18.00	0.90					16.20		
	cross road from 1st cross										
	LHS	1	9.00	0.90					8.10	45.45	
							Present Qty	**Sqm**	**1164.87**	**779.03**	**907468.68**
7	Providing chamfering edges to stone slab 2.5 cms. wide as per specifications. (only chamfered length shall be recorded) KBS 5.1.13										
	Rammappa Garden										
	1st Main Road from Dead End										
	RHS										
		24		3.00					72.00		
		50		3.00					150.00		
		36		3.00					108.00		
	4th cross to 3rd cross	41		3.00					123.00		
		8		3.00					24.00		
	LHS										
		25		3.00					75.00		
	cross road from 1st Main road										
	RHS										
		23		3.00					69.00		
		39		3.00					117.00		
	2nd Main road to Dead End										
	RHS										
		50		3.00					150.00		
		41		3.00					123.00		
		50		3.00					150.00		
		50		3.00					150.00		
	LHS										
		50		3.00					150.00		
		50		3.00					150.00		
		50		3.00					150.00		
		50		3.00					150.00		
	Deduction Culverts	-13		3.00					-39.00		
		-12		3.00					-36.00	114.00	
		-13		3.00					-39.00		
	3rd Main road from Dead End										
	RHS										
		30		3.00					90.00		
		50		3.00					150.00		
		45		3.00					135.00		
	Deduction Culverts	-13		3.00					-39.00	75.00	
		-12		3.00					-36.00		
	LHS										
		50		3.00					150.00		
	New drain	10		3.00					30.00		
		40		3.00					120.00		
		45		3.00					135.00		
	1st cross from 2nd Main road										
	RHS										
		50		3.00					150.00		
		50		3.00					150.00		
		50		3.00					150.00		
		50		3.00					150.00		
		13		3.00					39.00		
	LHS										

3171

7

Item No	Description of Item	No	Length	Breadth	D1	D2	Avg Depth	Unit	Qty	Rate in Rs	Amount
		22		3.00					66.00		
	New drain	12		3.00					36.00		
		17		3.00					51.00		
		33		3.00					99.00		
		33		3.00					99.00		
		41		3.00					123.00		
		50		3.00					150.00		
		13		3.00					39.00		
		49		3.00					147.00		
	2nd cross from 3rd Main road										
	LHS										
		50		3.00					150.00		
		12		3.00					36.00		
		32		3.00					96.00		
		50		3.00					150.00		
		50		3.00					150.00		
		6		3.00					18.00		
		17		3.00					51.00		
		34		3.00					102.00		
	3rd cross from 3rd Main road										
	RHS										
		50		3.00					150.00		
		50		3.00					150.00		
	New drain	22		3.00					66.00		
		29		3.00					87.00		
		50		3.00					150.00		
	New drain	32		3.00					96.00		
		19		3.00					57.00		
		10		3.00					30.00		
	Deduction Culvert	-14		3.00					-42.00		
	LHS										
		50		3.00					150.00		
		50		3.00					150.00		
		50		3.00					150.00		
		50		3.00					150.00		
		50		3.00					150.00		
		10		3.00					30.00		
	cross road from 3rd cross										
	RHS	30		3.00					90.00		
	LHS	30		3.00					90.00		
	cross road from 1st cross										
	LHS	1		3.00					3.00		
								Present Qty	Mtr	6441.00	64.55	415766.55
8	Providing precast slab of 250mm thick, including of all materials, labour,curing, transportation, lading unloaading, etc. Complete as per the direction of engineer in charge (Data rate Approved)										
	Ramanna Garden										
	For RCC Culvert										
	Culvert at 1st cross	12	1.80	0.60					12.96		
	Culvert at 2nd cross	11	1.80	0.60					11.88		
	Culvert at 3rd cross	12	1.80	0.60					12.96		
	For SSM Culvert										
	Culvert at 3rd cross	13	1.80	0.60					14.04		
		12	1.80	0.60					12.96		
	Culvert at 3rd Main road	14	1.80	0.60					15.12		
								Present Qty	Sqm	79.92	5688.36	454613.73

Assistant Executive Engineer
Vidyaranyapura sub Division
BBMP, Bangalore-97

Assistant Executive Engineer
Vidyaranyapura sub Division
BBMP, Bangalore-97

8

Item No	Description of Item	No	Length	Breadth	D1	D2	Avg Depth	Unit	Qty	Rate in Rs	Amount
9	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2.										
	Ramanna Garden										
	1st Main Road from Dead End										
	RHS (Bed Concrete for Kerb)										
		1	14.40	0.20			0.10		0.29		
		1	30.00	0.20			0.10		0.60		
		1	21.60	0.20			0.10		0.43		
		1	25.00	0.20			0.10		0.50		
		1	30.00	0.20			0.10		0.60		
		1	30.00	0.20			0.10		0.60		
		1	30.00	0.20			0.10		0.60		
		1	13.00	0.20			0.10		0.26		
	Ramp For Covering Slab										
	1st Main Road from Dead End										
	LHS										
		1	14.50	0.25			0.15		0.54		
	cross road from 1st Main road										
	RHS										
		1	13.80	0.20			0.15		0.41		
		1	23.00	0.20			0.15		0.69		
	2nd Main road to Dead End										
	RHS										
		1	30.00	0.20			0.15		0.90		
		1	30.00	0.25			0.15		1.13		
		1	30.00	0.30			0.15		1.35		
		1	30.00	0.20			0.15		0.90		
		1	19.00	0.25			0.15		0.71		
	LHS										
		1	30.00	0.20			0.15		0.90		
		1	30.00	0.30			0.15		1.35		
		1	30.00	0.30			0.15		1.35		
		1	30.00	0.20			0.15		0.90		
		1	19.00	0.25			0.15		0.71		
	Deduction Culverts	-1	7.40	0.20			0.15		-0.22		
		-1	6.90	0.20			0.15		-0.21		
		-1	7.50	0.20			0.15		-0.23		
	3rd Main road from Dead End										
	RHS										
		1	30.00	0.20			0.15		0.90		
		1	30.00	0.25			0.15		1.13		
		1	27.00	0.25			0.15		1.01		
	Deduction Culverts	-1	7.40	0.20			0.15		-0.22		
		-1	7.00	0.20			0.15		-0.21		
	LHS										
		1	30.00	0.20			0.15		0.90		
	New drain	1	6.00	0.20			0.15		0.18		
		1	24.00	0.20			0.15		0.72		
		1	27.00	0.20			0.15		0.81		
	1st cross from 2nd Main road										
	RHS										

20.28

9

Assistant Executive Engineer
Vidyaranyapura Pourashikshan
BBMP, Bangalore-97

Item No	Description of Item	No	Length	Breadth	D1	D2	Avg Depth	Unit	Qty	Rate in Rs	Amount
		1	30.00	0.20			0.15		0.90		
		1	30.00	0.20			0.15		0.90		
		1	30.00	0.20			0.15		0.90		
		1	30.00	0.20			0.15		0.90		
		1	7.70	0.20			0.15		0.23		
	LHS										
		1	13.00	0.20			0.15		0.39		
	New drain	1	7.00	0.20			0.15		0.21		
		1	10.00	0.20			0.15		0.30		
		1	9.00	1.20			0.15		1.62		
		1	21.00	0.25			0.15		0.79		
		1	30.00	0.20			0.15		0.90		
		1	24.50	0.20			0.15		0.74		
		1	6.80	0.20			0.15		0.20		
		1	23.20	0.60			0.15		2.09		
		1	7.70	0.20			0.15		0.23		
		1	29.00	0.20			0.15		0.87		
	2nd cross from 3rd Main road										
	LHS										
		1	30.00	0.20			0.15		0.90		
		1	7.00	0.20			0.15		0.21		
		1	18.80	0.25			0.15		0.71		
		1	30.00	0.20			0.15		0.90		
		1	30.00	0.25			0.15		1.13		
		1	3.40	0.20			0.15		0.10		
		1	10.00	0.25			0.15		0.38		
		1	20.40	0.20			0.15		0.61		
	3rd cross from 3rd Main road										
	RHS										
		1	30.00	0.20			0.15		0.90		
		1	13.00	0.90			0.15		1.76		
		1	17.00	0.20			0.15		0.51		
	New drain	1	13.00	0.25			0.15		0.49		
		1	17.00	0.20			0.15		0.51		
		1	30.00	0.25			0.15		1.13		
	New drain	1	18.70	0.20			0.15		0.56		
		1	11.30	0.25			0.15		0.42		
		1	5.50	0.20			0.15		0.17		
	Deduction Culvert	-1	8.30	0.20			0.15	(-)	-0.25		
	LHS										
		1	30.00	0.20			0.15		0.90		
		1	30.00	0.25			0.15		1.13		
		1	30.00	0.20			0.15		0.90		
		1	30.00	0.25			0.15		1.13		
		1	30.00	0.25			0.15		1.13		
		1	5.50	0.20			0.15		0.17		
	cross road from 3rd cross										
	RHS	1	18.00	0.20			0.15		0.54		
	LHS	1	18.00	0.20			0.15		0.54		
	cross road from 1st cross										
	LHS	1	9.00	0.20			0.15		0.27		
	For RCC Culvert										
	Culvert at 1st cross	2	7.50	0.75			0.15		1.69		
	Culvert at 2nd cross	2	6.90	0.75			0.15		1.55		
	Culvert at 3rd cross	2	7.40	0.75			0.15		1.67		

34.95

10

Assistant Executive Engineer
Mahadevapura Sub Division
BBMP, Bangalore

Item No	Description of Item	No	Length	Breadth	D1	D2	Avg Depth	Unit	Qty	Rate in Rs	Amount
		2	8.30	0.75			0.15		1.87		
		2	7.40	0.75			0.15		1.67		
	Culvert at 3rd Main road	2	8.40	0.75			0.15		1.89	5.43	
	Surekha .NL							Present Qty	Cum 60.59	6034.11	365609.74
											365606.72
10	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete										
	Ramanna Garden										
	1st Main Road from Dead End										
	RHS										
		1	14.40						14.40		
		1	30.00						30.00		
		1	21.60						21.60		
		1	25.00						25.00		
		1	30.00						30.00		
		1	30.00						30.00		
		1	30.00						30.00		
		1	13.00						13.00		
	3rd Main road from Dead End										
	RHS										
		1	18.00						18.00		
	LHS										
		1	18.30						18.30		
		1	6.00						6.00		
		1	9.30						9.30		
	1st cross from 2nd Main road										
	RHS										
		1	21.00						21.00		
		1	28.50						28.50		
		1	30.00						30.00		
		1	28.00						28.00		
	LHS										
		1	21.00						21.00		
		1	9.50						9.50		
		1	17.50						17.50		
		1	14.50						14.50		
		1	10.40						10.40		
		1	7.70						7.70		
		1	29.00						29.00		
	2nd cross from 3rd Main road										
	LHS										
		1	9.00						9.00		
		1	18.80						18.80		
		1	15.00						15.00		
		1	30.00						30.00		
		1	3.40						3.40		
		1	16.00						16.00		
	3rd cross from 3rd Main road										
	RHS										
		1	30.00						30.00		
		1	5.00						5.00		
		1	12.00						12.00		
		1	6.50						6.50		

608.40

Assistant Executive Engineer
Mahadevapura Sub Division
BBMP, Bangalore-97

11

Item No	Description of Item	No	Length	Breadth	D1	D2	Avg Depth	Unit	Qty	Rate in Rs	Amount
		1	6.50						6.50		
		1	30.00						30.00		
		1	15.00						15.00		
	LHS										
		1	13.00						13.00		
		1	13.50						13.50		
		1	6.50						6.50		
		1	30.00						30.00		
		1	7.30		730.20				7.30	121.80	
					0.45	=		**Mtr**	**730.20**		
							Present Qty	**No's**	**1622.00**	**454.06**	**736485.32**
										454.	736388
11	Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications.										
	Ramanna Garden										
	1st Main Road from Dead End										
	RHS										
		1	14.40				0.45		6.48		
		1	30.00				0.45		13.50		
		1	21.60				0.45		9.72		
		1	25.00				0.45		11.25		
		1	30.00				0.45		13.50		
		1	30.00				0.45		13.50		
		1	30.00				0.45		13.50		
		1	13.00				0.45		5.85		
	3rd Main road from Dead End										
	RHS										
		1	18.00				0.45		8.10		
	LHS										
		1	18.30				0.45		8.24		
		1	6.00				0.45		2.70		
		1	9.30				0.45		4.19		
	1st cross from 2nd Main road										
	RHS										
		1	21.00				0.45		9.45		
		1	28.50				0.45		12.83		
		1	30.00				0.45		13.50		
		1	28.00				0.45		12.60		
	LHS										
		1	21.00				0.45		9.45		
		1	9.50				0.45		4.28		
		1	17.50				0.45		7.88		
		1	14.50				0.45		6.53		
		1	10.40				0.45		4.68		
		1	7.70				0.45		3.47		
		1	29.00				0.45		13.05		
	2nd cross from 3rd Main road										
	LHS										
		1	9.00				0.45		4.05		
		1	18.80				0.45		8.46		
		1	15.00				0.45		6.75		
		1	30.00				0.45		13.50		
		1	3.40				0.45		1.53		

242.54

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

Item No	Description of Item	No	Length	Breadth	D1	D2	Avg Depth	Unit	Qty	Rate in Rs	Amount
		1	16.00				0.45		7.20		
	3rd cross from 3rd Main road										
	RHS										
		1	30.00				0.45		13.50		
		1	5.00				0.45		2.25		
		1	12.00				0.45		5.40		
		1	6.50				0.45		2.93		
		1	6.50				0.45		2.93		
		1	30.00				0.45		13.50		
		1	15.00				0.45		6.75		
	LHS										
		1	13.00				0.45		5.85		
		1	13.50				0.45		6.08		
		1	6.50				0.45		2.93		
		1	30.00				0.45		13.50		
		1	7.30				0.45		3.29		
	Suvitha.N.K						**Present Qty**	**Sqm**	**328.59**	**41.18**	**13531.34**
12	Providing and applying spray painting in two coats (excluding priming coat) over concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications.										
	Suvitha.N.K						**Qty Same As per Item No.11**	**Sqm**	**328.59**	**94.60**	**31084.61**
E-1	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6 stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13										
	Ramanna Garden										
	For SSM Culvert										
	Culvert at 3rd cross	2	8.30	0.45			0.60		4.48		
		2	7.40	0.45			0.60		4.00		
	Culvert at 3rd Main road	2	8.40	0.45			0.60		4.54		
							Present Qty	**Cum**	**13.01**	**5114.86**	**66564.80**
											66546.32
										Total	**5617194.92**
										GST Charges 12%	**674063.39**
										Grand Total	**6291258.31**

5617075.83 13.02
674049.09
62,91,124.92

Suvitha.N.K
Assistant Engineer 10/11/2020
Ward No.10

Asst. Executive Engineer
Vidyaranya Pura Sub division

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97